



HESS - ROUNTREE, INC.
Consulting Engineers & Land Surveyors
9831 South 51st Street, Suite C110
Phoenix, Arizona 85044

November 17, 2017

Ace Asphalt
3030 S. 7th Street
Phoenix, AZ 85040-1163

ATTN: Ron Erickson

RE: PROPOSAL FOR TOPOGRAPHIC SURVEY, DESIGN
AND CONSTRUCTION ADMINISTRATION FOR
SHEA MIDDLE SCHOOL PARKING LOT RENOVATION

Dear Ron,

Thank you for the opportunity to submit a proposal for the above-referenced project. We see our scope of services and associated fees as follows:

A. TOPOGRAPHIC SURVEY

Perform topographic survey of the proposed pavement replacement area. Field acquire locations and elevations of existing improvements within the survey area per the sketch provided by Ace Asphalt. Finish grades will be obtained at 50-foot intervals and grade breaks. Above ground utility locations will be shown on the drawings. Trees, shrubs and groundcover will not be located. Note that the adjacent ways portion of the work is approximately 63% of the total work. The fee is proportioned accordingly.

ADJACENT WAYS FEE:	\$	950.00
STANDARD FUNDING FEE:	\$	680.00

B. PAVEMENT REPLACEMENT PLAN

Analyses, design and preparation of plans for the replacement of the pavement in the parking lots, bus drop and fire lanes per the sketched provided by Ace Asphalt. Design includes onsite paving, striping and signing. Note that the adjacent ways portion of the work is approximately 63% of the total work. The fee is proportioned accordingly.

ADJACENT WAYS FEE:	\$	780.00
STANDING FUNDING FEE:	\$	460.00

C. MATERIAL TESTING (BY RAMM)

Ricker, Atkinson, McBee, Morman & Associates will perform material testing for the project. They will witness the proof roll of the ABC and provide compaction testing for the ABC. They will sample and test the asphalt. The proposal from RAMM is attached for your review.

ADJACENT WAYS FEE:	\$	993.00
STANDARD FUNDING FEE:	\$	760.00

D. CONSTRUCTION ADMINISTRATION

We will provide three (3) inspections to monitor the construction. We will provide one inspection during the proof roll of the ABC, an inspection during the paving and a final inspection. Field reports will be provided for each inspection. We will review all civil related submittals and requests for information. Additional inspections if needed can be done as an additional service at a cost of \$280 per inspection. Note that the adjacent ways portion of the work is approximately 63% of the total work. The fee is proportioned accordingly.

ADJACENT WAYS FEE: \$ 810.00
STANDARD FUNDING FEE: \$ 470.00

SUMMARY

	ADJACENT WAYS	STANDARD FUNDING	TOTAL
A. TOPOGRAPHIC SURVEY	\$ 950.00	\$ 680.00	\$ 1,630.00
B. PAVEMENT REPLACEMENT PLAN	\$ 780.00	\$ 460.00	\$ 1,240.00
C. MATERIAL TESTING (RAMM)	\$ 993.00	\$ 760.00	\$ 1,753.00
D. CONSTRUCTION ADMINISTRATION	\$ 810.00	\$ 470.00	\$ 1,280.00
TOTAL	\$ 3,533.00	\$ 2,370.00	\$ 5,903.00

This proposal excludes cost estimating, soils report, landscape or irrigation design, any electrical or lighting designs, right-of-way dedications.

Printing costs for plans and bid documents, and submittals to utility companies and governmental agencies to be paid by Owner. Governmental review fees to be paid by Owner.

Any designs, details, layouts, specifications, etc. prepared by HESS-ROUNTREE, INC. are the exclusive property of HESS-ROUNTREE, INC. and may not be used on any other project without express permission by HESS-ROUNTREE, INC.

Upon acceptance of this agreement/contract, the attached Standard Conditions become a component thereof.

If the above meets with your approval, please sign this proposal, keep a copy for your records and return a copy to us. This Letter of Agreement will constitute our contract.

Sincerely,
HESS-ROUNTREE, INC.


Doug Osborn, P.E., LEED AP
President

DO:sl

APPROVED: _____
NAME TITLE DATE

STANDARD CONDITIONS

1. Attached hourly rates for the Engineer's personnel are valid until December 31, 2017.
2. Construction stakes, lot pins and other items, as indicated in the Proposal, will be provided once for the quoted fee. In the event restaking is required, additional charges will be incurred on the basis of current hourly rates and will be performed upon the written request of the Client or his authorized agent.
3. All drawings, survey notes and other original documents prepared in performing the Engineer's services are and shall remain the property of the Engineer.
4. Neither the Engineer nor the Client shall assign his interest in this agreement without the written consent of the other.
5. The Engineer makes no representations concerning soil conditions for the project and is not responsible for any liability that may arise out of making or failure to make soil surveys, subsurface soil tests or general soil testing.
6. Statements for work performed will be submitted every four weeks in accordance with the percentage of work complete. Payment by the Client to the Engineer is to be made within fifteen (15) days following payment to Client by the Owner. Past due accounts are subject to a monthly service charge of 1-1/2% (18% annual percentage rate), and in the event legal action is necessary for the collection of any sums due under this agreement, the Client agrees to pay reasonable attorney's fees, expert fees and court costs incurred by the Engineer.
7. The Engineer hereby reserves the right to cease work on Client's project at any time Client's account is past due and/or seek payment for the work done to date of such cessation, without liability for damages to Client and without being in breach of this contract.
8. Additional services outside the scope of the attached Proposal shall be provided upon written request of the Client and will be charged to the Client at the Engineer's current hourly rate schedule or an additional contract will be negotiated for services not set forth in this contract.
9. Direct costs for this project to the Engineer are in addition to the indicated fee. No administration fee will be added by the Engineer to these direct costs if they are paid within 25 days after billing. If not paid within 25 days, a 10% administrative fee will be added. Any fees required by governmental authorities or other agencies must be provided by the Client and are not included in the indicated fees.
10. The Engineer shall acquire and maintain statutory worker's compensation insurance coverage, employer's liability and professional liability insurance coverage.
11. The Client agrees to limit the Engineer's liability to the Client and to all construction contractors and subcontractors on the project due to the Engineer's professional negligent acts or errors or omissions such that the total aggregate liability of the Engineer to those named not to exceed total fee for services rendered on the project.

HESS-ROUNTREE, INC.

By: Doug Osborn, P.E., President

DATE 4/17/12

ACE ASPHALT:

AUTHORIZED SIGNATURE

DATE _____

By: _____

PRINT NAME

TITLE _____



HESS - ROUNTREE, INC.
Consulting Engineers & Land Surveyors
9831 South 51st Street, Suite C110
Phoenix, Arizona 85044

Doug Osborn, P.E.
President

Russell A. Johnson, R.L.S.
Vice President - Surveying

RATE SCHEDULE
2017

<u>PERSONNEL</u>	<u>HOURLY RATE</u>
Principal	\$ 120.00/hour
Professional Engineer	\$ 110.00/hour
Project Engineer	\$ 100.00/hour
Designer, Technician	\$ 90.00/hour
Registered Land Surveyor	\$ 110.00/hour
Survey Party Chief	\$ 90.00/hour
Inspector	\$ 80.00/hour
Two-Man Field Crew	\$ 120.00/hour
Three-Man Field Crew	\$ 140.00/hour
Head CADD Operator	\$ 80.00/hour
CADD Drafter	\$ 70.00/hour
Junior Drafter	\$ 60.00/hour



RICKER • ATKINSON • McBEE • MORMAN
& ASSOCIATES, INC.

Geotechnical Engineering • Construction Materials Testing
2105 South Hardy Drive, Suite 13, Tempe, AZ 85282
Telephone (480) 921-8100 • Facsimile (480) 921-4081

Hess-Rountree, Inc.
9831 South 51st Street, Suite C-110
Phoenix, Arizona 85044

November 16, 2017

Attn: Doug Osborn, P.E.

Re: Parking Lot Repaving
Shea Middle School
2728 East Shea Boulevard
Phoenix, Arizona

RAMM Proposal No. PT17841

Ricker, Atkinson, McBee, Morman & Associates, Inc. is pleased to submit this proposal to conduct Materials Testing Services for the above-referenced project.

The following scope of work and **estimated fee** are based on our experience with similar projects, a description of the project details, and a review of the aerial plan provided. **Charges will be based only on actual time spent and testing performed to provide the services required.**

On this project there will be no minimum charge per trip and no overtime premium for weekday work.

Materials Testing

Adjacent Ways Pavement Base & Surface: Sampling and compaction testing of existing aggregate base and new asphalt concrete materials in pavement replacement areas. Includes observation of proof-rolling of exposed aggregate base prior to repaving.

	<u>Unit Rates</u>	<u>Amount</u>
12 Hours	\$ 44.00	\$ 528.00
3 Trips	25.00	75.00
1 ABC Standard Proctor	120.00	120.00
1 AC Marshall / Extraction and Gradation	130/140	<u>270.00</u>
	Subtotal	\$ <u>993.00</u>

ADJACENT WAYS MATERIALS TESTING TOTAL: \$ 993.00

Parking Stalls Pavement Base & Surface: Sampling and compaction testing of existing aggregate base and new asphalt concrete materials in pavement replacement areas. Includes observation of proof-rolling of exposed aggregate base prior to repaving.

	<u>Unit Rates</u>	<u>Amount</u>
10 Hours	\$ 44.00	\$ 440.00
2 Trips	25.00	50.00
1 AC Marshall / Extraction and Gradation	130/140	<u>270.00</u>
	Subtotal	\$ <u>760.00</u>

PARKING STALLS MATERIALS TESTING TOTAL: \$ 760.00

Additional lab and field testing charges will apply if remediation of unstable subgrade soils is determined to be necessary during the repaving activities.

Fee includes reports of all test results, transportation, clerical and postage. We look forward to working with you on this project.

Respectfully submitted,
RICKER, ATKINSON, MCBEE, MORMAN & ASSOCIATES, INC.



David A. Thomas, P.E.
Manager, Construction Phase Services

/dat

TECHNICAL INFORMATION FOR THE USER

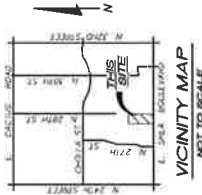
- ① PULL/REVEAL EXISTING ASPHALT AND HAUL OFF EXCESS MATERIAL. FILL GRADE, MOISTURE CONDITION AND COMPACT EXISTING A.B.C. THE A.B.C. SHALL BE PROOF ROLLED TO VERIFY COMPACTION PRIOR TO PAVING. ONCE BASE COURSE HAS BEEN ACCEPTED, PAVE WITH 3" ASPHALTIC CONCRETE (TYPE 3/4"). RESTRIPE TO MATCH EXISTING STRIPING.
- ② PROTECT EXISTING CURBING.
- ③ PROTECT EXISTING VALLEY GUTTER.
- ④ INSTALL SPEED BUMP.

2728 E. SHEA BLVD.
PHOENIX, AZ 85028

FOR

15002 N. 32ND STREET

PHOENIX, AZ 85032
PHONE: (602) 449-2000



SHEET INDEX:

- SHEET INDEX:**
C-1 COVER - GRADING AND DRAINAGE SHEET
C-2 GRADING AND DRAINAGE SHEET

PARADISE VALLEY UNIFIED SCHOOL DISTRICT
15002 N. 32ND STREET

PHOENIX, ARIZONA 85251
PHONE: (602) 449-2000

HESS-ROUNTREE, INC.
9831 SOUTH 51ST STREET, SUITE C110
PHOENIX, ARIZONA 85044

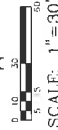
PHONE: (480) 496-0244
FAX: (480) 496-0094

LEGEND

- | | | |
|-----|----------|---------------------------------------|
| INC | X1480.14 | EXISTING BACK OF CURB ELEVATION |
| | X1480.59 | EXISTING GUTTER ELEVATION |
| | X1480.59 | EXISTING GUTTER ELEVATION |
| | X1480.63 | EXISTING ALGEBRA ELEVATION |
| PC | X1480.63 | EXISTING BACK OF PAVEMENT ELEVATION |
| | X1480.48 | EXISTING CONCRETE ELEVATION |
| | X1480.35 | EXISTING SIDEWALK ELEVATION |
| | X1480.35 | EXISTING SIDEWALK ELEVATION |
| | X1480.82 | EXISTING FINISH ELEVATION |
| | X1480.82 | EXISTING TOP OF RERM ELEVATION |
| | X1480.63 | EXISTING FINISH ELEVATION |
| BT | X1480.63 | EXISTING CATCH BASIN / W/IN ELEVATION |
| | X1480.63 | EXISTING TOP OF ASPHALT |
| | MIN | EXISTING WATER VALVE |
| | MIN | EXISTING FIREABLE OFFER VALVE |
| | MIN | EXISTING IRRIGATION CONTROL VALVE |
| | MIN | EXISTING SIGN |
| | MIN | EXISTING SIDE POLE |
| | MIN | EXISTING TREE |

PAVEMENT REMOVAL AND REPLACEMENT

(5,011 SY)



SCALE: 1"=30'

HESS - ROUNTREE, INC.
CONSULTING ENGINEERS & LAND SURVEYORS
9831 SOUTH 51ST STREET, SUITE C110
PHOENIX, ARIZONA 85044 (480)486-0244



DES	DAO	DRN	JCW	CAD	DAO	JOB NO.	1711-15
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**DESIGN CIVIL ENGINEER'S
NOTES TO CONTRACTOR**

- [illegible]

PARADISE VALLEY UNIFIED SCHOOL DISTRICT
PAVEMENT REMOVAL AND REPLACEMENT
AT SHEA MIDDLE SCHOOL

DRAWING STATUS	SHEET	OF
	1	1
DATE: 11-20-77	C-1	